Work Status

- **ZDC ECal**
- MC simulation
    - Change from gamma to pi0 (Alan provide sample, check)
    - Add silicon layer (to do)
- Test beam analysis : Linear Energy regression
- 3rd prototype : PbWO4 + SiPM + HGCROC

- **RPC**
- Test beam July16th to July28th
    - FEE production (expect to be finished by the end of June)
    - Draw Amp box for E88 (done)
    - Travel July 15th to July 29th
- ~~NCU RPC cosmic ray setup (undergoing) :~~
    - Small pad RPC with small pads doesn't work
    - it works with higher HV, eff seems to be smaller than the larger pad one.
    - Worth to study the pad size effect. Could be the topic of summer student.
- Journal club next Thursday (undergoing)

- **DY analysis :**
- Install env for python coding under labpc (contacting 電腦室)
- Test different correlation parameters (to do)
- Meeting w/ Catarina(June 30th, 10AM)

- **MCFM + xFitter**
- Debugging (undergoing, check MCFM output, we could check together this afternoon)